American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

A2575-1

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 46 For Week Ending: November 12, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 11/12/93	Last Week Ending: 11/05/93	Last Year Week Ending: 11/13/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,901	13,903	13,831	-2	70
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	91.8	91.8	89.5		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,804	7,447	7,216	357	588
Total Motor Gasoline Stocks	212,429	210,122	207,807	2,307	4,622
Total Finished Gasoline Stocks	174,995	172,425	169,854	2,570	5,141
Blending Components Stocks	37,434	37,697	37,953	-263	-519
JET KEROSINE					
Total Jet Kerosine Production	1,270	1,306	1,305	-36	-35
Total Jet Kerosine Stocks	36,901	37,865	42,230	-964	-5,329
DISTILLATE FUEL OIL					
Total Distillate Production	3,451	3,412	3,291	39	160
Total Distillate Stocks	138,060	137,966	138,419	94	-359
RESIDUAL FUEL OIL					
Total Residual Fuel Production	858	763	1,020	95	-162
Total Residual Fuel Stocks	45,862	44,584	45,023	1,278	839
IMPORTS					
Crude Oil Imports	7,646	6,055	5,607	1,591	2,039
Product Imports	1,500	1,940	1,350	-440	150
CRUDE OIL STOCKS	335,394	329,522	319,976	5,872	15,418
CRUDE SUPPLY BALANCE	54				

See Definitional Notes on Page 6.

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For Week Ending: November 12, 1993

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,517	1,337	1,346	1,442	93.3
Appal. No. 1	101	99	100	109	91.7
PADD 1 TOTAL	1,618	1,436	1,446	1,551	93.2
Week Ago	1,729	1,482	1,513	1,551	97.5
Year Ago	1,596	1,355	1,376	1,544	89.1
IN, IL, KY	2,364	2,209	2,282	2,327	98.1
MN, WI, ND, SD	367	363	363	368	98.6
OK, KS, MO	758	680	688	726	94.8
PADD 2 TOTAL	3,489	3,252	3,333	3,421	97.4
Week Ago	3,428	3,223	3,300	3,421	96.5
Year Ago	3,278	3,016	3,070	3,356	91.5
Inland TX	595	525	525	530	99.1
TX Gulf Coast	3,132	2,826	2,964	3,231	91.7
LA Gulf Coast	2,585	2,411	2,411	2,646	91.1
N. LA and AR	148	132	136	256	53.1
NM	101	67	67	95	70.5
PADD 3 TOTAL	6,561	5,961	6,103	6,758	90.3
Week Ago	6,707	5,932	6,082	6,758	90.0
Year Ago	6,810	6,250	6,331	7,138	88.7
PADD 4 TOTAL	495	477	482	519	92.9
Week Ago	498	466	472	519	90.9
Year Ago	448	440	443	514	86.2
PADD 5 TOTAL	2,762	2,532	2,537	2,896	87.6
Week Ago	2,636	2,521	2,536	2,896	87.6
Year Ago	2,657	2,530	2,611	2,907	89.8
U.S. TOTAL	14,925	13,658	13,901	15,145	91.8
Week Ago	14,998	13,624	13,903	15,145	91.8
Year Ago	14,789	13,591	13,831	15,459	89.5

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	848	420	—	428	3	81	68	13	476	237	239	132
Appal. No. 1	41	—	—	41	—	—	—	—	33	20	13	2
PADD 1 TOTAL	889	420	—	469	3	81	68	13	509	257	252	134
Week Ago	845	419	—	426	15	57	52	5	573	309	264	129
Year Ago	864	*na*	*na*	*na*	9	59	*na*	*na*	482	*na*	*na*	118
IN, IL, KY	1,334	484	—	850	6	127	123	4	571	356	215	78
MN, WI, ND, SD	183	30	—	153	1	23	23	—	110	33	77	7
OK, KS, MO	371	90	—	281	7	29	29	—	223	104	119	5
PADD 2 TOTAL	1,888	604	—	1,284	14	179	175	4	904	493	411	90
Week Ago	1,866	666	—	1,200	14	173	168	5	818	398	420	79
Year Ago	1,759	*na*	*na*	*na*	22	178	*na*	*na*	772	*na*	*na*	88
Inland TX	333	46	—	287	8	38	31	7	164	118	46	8
TX Gulf Coast	1,680	233	—	1,447	7	267	255	12	686	381	305	173
LA Gulf Coast	1,243	148	—	1,095	13	326	309	17	560	219	341	190
N. LA and AR	55	—	—	55	10	1	1	—	37	29	8	11
NM	59	4	—	55	3	2	—	2	22	22	—	1
PADD 3 TOTAL	3,370	431	—	2,939	41	634	596	38	1,469	769	700	383
Week Ago	3,152	445	—	2,707	46	679	608	71	1,496	710	786	352
Year Ago	3,058	*na*	*na*	*na*	107	665	*na*	*na*	1,459	*na*	*na*	457
PADD 4 TOTAL	248	15	—	233	7	15	15	—	140	71	69	8
Week Ago	246	22	—	224	10	21	21	—	145	75	70	7
Year Ago	236	*na*	*na*	*na*	14	30	*na*	*na*	119	*na*	*na*	8
PADD 5 TOTAL	1,409	632	—	777	4	361	311	50	429	242	187	243
Week Ago	1,338	631	—	707	3	376	328	48	380	253	127	196
Year Ago	1,299	*na*	*na*	*na*	26	373	*na*	*na*	459	*na*	*na*	349
U.S. TOTAL	7,804	2,102	—	5,702	69	1,270	1,165	105	3,451	1,832	1,619	858
Week Ago	7,447	2,183	—	5,264	88	1,306	1,177	129	3,412	1,745	1,667	763
Year Ago	7,216	*na*	*na*	*na*	178	1,305	*na*	*na*	3,291	*na*	*na*	1,020

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

For Week Ending: November 12, 1993

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DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
		Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
	Total	Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	5,277	5,260	637	—	4,623	17	24	554	13,758	2,543	11,215	1,854	—
Central Atlantic	32,342	27,390	9,326	—	18,064	4,952	126	4,593	39,569	9,934	29,635	13,808	10,407
Lower Atlantic	23,263	23,060	4,270	—	18,790	203	158	4,669	14,228	6,042	8,186	2,624	558
PADD 1 TOTAL	60,882	55,710	14,233	—	41,477	5,172	308	9,816	67,555	18,519	49,036	18,286	10,965
Week Ago	58,970	53,835	13,530	—	40,305	5,135	408	8,986	68,012	20,064	47,786*	18,243	11,428
Year Ago	55,805	50,924	*na*	*na*	*na*	4,881	276	12,774	65,794	*na*	*na*	17,472	11,672
PADD 2 TOTAL	53,980	46,247	779	—	45,468	7,733	302	6,654	29,860	16,440	13,420	3,196	17,616
Week Ago	52,713	45,089	1,047	—	44,042	7,624	758	5,627	29,720	16,240	13,483*	2,835	17,543
Year Ago	57,884	48,659	*na*	*na*	*na*	9,225	1,049	8,323	29,049	*na*	*na*	2,403	15,502
PADD 3 TOTAL	62,539	47,023	5,268	—	41,755	15,516	1,184	12,855	27,159	12,669	14,490	16,143	48,824
Week Ago	62,613	47,398	5,028	—	42,370	15,215	1,334	14,815	26,664	10,772	15,535*	15,744	49,262
Year Ago	58,685	43,805	*na*	*na*	*na*	14,880	1,682	14,929	31,606	*na*	*na*	16,767	52,576
PADD 4 TOTAL	5,378	3,991	523	—	3,468	1,387	201	384	2,495	1,311	1,184	400	2,349
Week Ago	5,126	3,687	464	—	3,223	1,439	220	534	2,454	1,278	1,176	398	2,340
Year Ago	5,802	4,570	*na*	*na*	*na*	1,232	255	617	2,324	*na*	*na*	411	2,032
PADD 5 TOTAL	29,650	22,024	8,356	—	13,668	7,626	245	7,192	10,991	6,606	4,385	7,837	21,414
Week Ago	30,700	22,416	8,058	—	14,358	8,284	360	7,903	11,116	6,995	4,121	7,364	21,423
Year Ago	29,631	21,896	*na*	*na*	*na*	7,735	1,283	5,587	9,646	*na*	*na*	7,970	21,271
U.S. TOTAL	212,429	174,995	29,159	—	145,836	37,434	2,840	36,901	138,060	55,545	82,515	45,862	101,168
Week Ago	210,122	172,425	28,127	—	144,298	37,697	3,080	37,865	137,966	55,349	82,101*	44,584	101,996
Year Ago	207,807	169,854	*na*	*na*	*na*	37,953	4,545	42,230	138,419	*na*	*na*	45,023	103,053

See Definitional Notes on Page 6

*See revisions, Page 8.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: November 12, 1993	4,312.0	7,444	806
Week Ended: November 5, 1993	4,321.0	5,862	874
Week Ended: October 29, 1993	4,321.0	6,371	832
Week Ended: November 13, 1992	4,347.0	5,437	616
DOE latest (06/93):	4,303.0		
PADD 5			
Week Ended: November 12, 1993	2,598.0	202	78
Week Ended: November 5, 1993	2,564.0	193	111
Week Ended: October 29, 1993	2,564.0	568	104
Week Ended: November 13, 1992	2,650.0	170	—
DOE latest (06/93):	2,454.0		
TOTAL U.S.			
Week Ended: November 12, 1993	6,910.0	7,646	884
Week Ended: November 5, 1993	6,885.0	6,055	985
Week Ended: October 29, 1993	6,885.0	6,939	936
Week Ended: November 13, 1992	6,997.0	5,607	616
DOE monthly - year ago	7,024.0		
DOE latest (06/93):	6,757.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	13,425	75,341	168,950	10,946	66,732	16,320	335,394
Week Ago	12,423	76,233	163,629	10,961	66,276	14,809	329,522
Year Ago	14,281	72,199	153,877	11,023	68,596	15,427	319,976

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	54
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

Vol: 74 No: 46

For Week Ending: November 12, 1993

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	1	—	—	1	—	—	2	90	5	85	—	—	—	27	120
Central Atlantic	114	—	—	114	29	—	55	23	19	4	158	13	60	36	488
Lower Atlantic	71	—	—	71	—	—	14	8	8	—	83	—	—	—	176
PADD 1 TOTAL	186	—	—	186	29	—	71	121	32	89	241	13	60	63	784
week ago	222	16	—	206	19	—	30	175	60	115	345	67	73	19	950
4 Week averages															
avg - current 4 weeks	242	4	—	238	29	3	50	172	62	110	223	25	92	48	884
avg - year ago 4 weeks	215	*na*	*na*	*na*	48	9	75	216	*na*	*na*	322	12	193	42	1,132
PADDs 2-4 TOTAL	1	—	—	1	18	—	1	41	39	2	7	204	306	70	648
week ago	1	—	—	1	24	—	—	44	42	2	53	247	319	189	877
4 Week averages															
avg - current 4 weeks	1	—	—	1	21	1	12	36	34	2	32	211	340	159	813
avg - year ago 4 weeks	7	*na*	*na*	*na*	9	3	11	14	*na*	*na*	98	144	188	91	565
PADD 5 TOTAL	6	—	—	6	—	—	—	4	—	4	24	6	5	23	68
week ago	5	—	—	5	—	—	31	35	—	35	25	6	5	6	113
4 Week averages															
avg - current 4 weeks	23	—	—	23	—	1	26	46	30	16	27	5	26	11	165
avg - year ago 4 weeks	5	*na*	*na*	*na*	—	—	—	1	*na*	*na*	1	6	19	1	33
U.S. TOTAL	193	—	—	193	47	—	72	166	71	95	272	223	371	156	1,500
week ago	228	16	—	212	43	—	61	254	102	152	423	320	397	214	1,940
4 Week averages															
avg - current 4 weeks	266	4	—	262	49	5	88	254	126	128	281	241	458	218	1,860
avg - year ago 4 weeks	228	*na*	*na*	*na*	57	11	87	231	*na*	*na*	422	162	399	133	1,730

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	OCTOBER 1993	SEPTEMBER 1993 /r	JUNE 1993
Florida	15.0	15.0	15.0
New York-Pennsylvania	5.0	6.0	6.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	5.0
Illinois	53.0	53.0	54.0
Indiana	6.0	6.0	5.0
Kansas	135.0	134.0	140.0
Kentucky	10.0	12.0	15.0
Michigan	34.0	35.0	37.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	14.0	13.0	14.0
Ohio	21.0	21.0	25.0
Oklahoma	272.0	270.0	271.0
North Dakota	85.0	84.0	86.0
South Dakota	4.0	4.0	4.0
Alabama	47.0	48.0	49.0
Arkansas	25.0	25.0	27.0
Mississippi	58.0	57.0	59.0
New Mexico-So. East	174.0	174.0	172.0
New Mexico-Other	14.0	14.0	14.0
North Louisiana	60.0	60.0	60.0
South Louisiana	1,090.0	1,085.0	1,088.0
Total Louisiana	1,150.0	1,145.0	1,148.0
Texas			
District 1	54.0	50.0	58.0
District 2	35.0	36.0	30.0
District 3	230.0	226.0	228.0
District 4	62.0	62.0	60.0
District 5	25.0	25.0	24.0
District 6, East Texas	85.0	90.0	96.0
Other	80.0	82.0	76.0
District 7-B	70.0	70.0	68.0
District 7-C	83.0	84.0	83.0
District 8 and 8-A	942.0	955.0	909.0
District 9	71.0	67.0	70.0
District 10	38.0	38.0	33.0
Total Texas	1,775.0	1,785.0	1,735.0
Colorado	76.0	76.0	79.0
Montana	48.0	48.0	48.0
Utah	59.0	59.0	60.0
Wyoming	235.0	235.0	234.0
Total Districts 1-4	4,321.0	4,325.0	4,303.0
Alaska	1,619.0	1,475.0	1,520.0
Arizona	0.0	0.0	0.0
California	940.0	940.0	929.0
Nevada	5.0	5.0	5.0
Total District 5	2,564.0	2,420.0	2,454.0
TOTAL U.S.	6,885.0	6,745.0 /r	6,757.0

/r Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 50.7% of lower 48 states production. When combined with reported Alaskan data, the sample represents 61.5% of total U.S. production in September.

API Weekly Statistical Bulletin
Week Ended: November 12, 1993

Revisions

11/05/93	PAGE 3	DISTIL. FUEL OIL >.05%	CENTRAL ATLANTIC	29,510
			LOWER ATLANTIC	7,006
			PADD 1 TOTAL	47,786
			PADD 2 TOTAL	13,483
			PADD 3 TOTAL	15,535
			U.S. TOTAL	82,101
	PAGE 4	PRODUCTION API MONTHLY DOM. PRODUC	PADD 1 TOTAL	4321.0
			PADD 5 TOTAL	2564.0
			U.S. TOTAL	6885.0